LEDYi RT5/RT10 Touch Wheel RF Remote Controller User Guide

**RT5/RT10 Touch Wheel RF Remote Controller
User Guide**

Contents

Touch Wheel RF Remote Controller

Model No.: RT5/RT10
1 and 4 zone RGB+CCT/Touch color wheel/Wireless remote 30m distance/AAAx2 battery/Magnet stuck fix

Features

- Apply to RGB+CCT LED controller.
- Ultra-sensitive color adjustment touch wheel.
- Each remote can match one or more receivers.
- AAAx2 b battery powered.
- Operate with LED indicator light.
- Magnet on the back which can be stuck on the back holder.

RT5
1 Zone RGB+CCT

RT10
4 Zone RGB+CCT

Technical Parameters

Input and Output

Output signal	RF 2.4GHz
Working voltage	3VDC AAAx2
Working current	5mA
standby current	10μA
Standby time	1 year
Remote distance	30m(Barrier-free space)

Environment

Operation temperature	Ta: -30°C ~ +55°C
IP rating	IP20

Safety and EMC

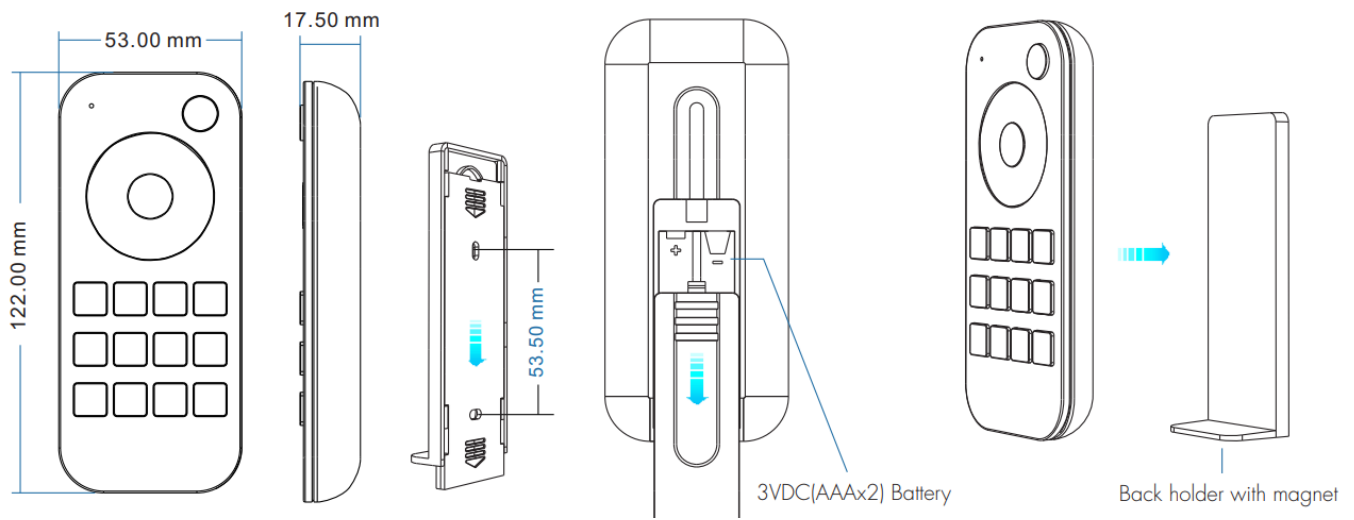|	
EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Safety standard(LVD)	EN 62368-1:2020+A11:2020
Radio Equipment(RED)	ETSI EN 300 328 V2.2.2
Certification	CE,EMC,LVD,RED

Warranty

Warranty	5 years

Weight

Gross weight	48g
Net weight	88g

Mechanical Structures and Installations

17.50 mm

53.00 mm

122.00 mm

53.50 mm

3VDC(AAAx2) Battery

Back holder with magnet

To fix the remote three options are offed for selection.
Option 1: stuck the remote on any metal surfaces directly.
Option 2: fix the remote' back holder on the wall with two screws.
Option 3: adhere the remote' back holder to the wall with a paster.

Operation

- When turning on the light, the indicator displays blue. when turning off the light, the indicator display red.

- When touching the color wheel, the indicator will display the same color.

- When the press or touch operation is invalid (If the light is off), the indicator display red.

- To extend battery life, no touch or press key operation after a few seconds, the touch wheel will enter the sleep state, you need to press any key to make the touch wheel quit the sleep state.

Match Remote Control (two match ways)
The end user can choose suitable match/delete ways. Two options are offered for selection:

Key function

● **RT5 1 zone RGB+CCT remote**
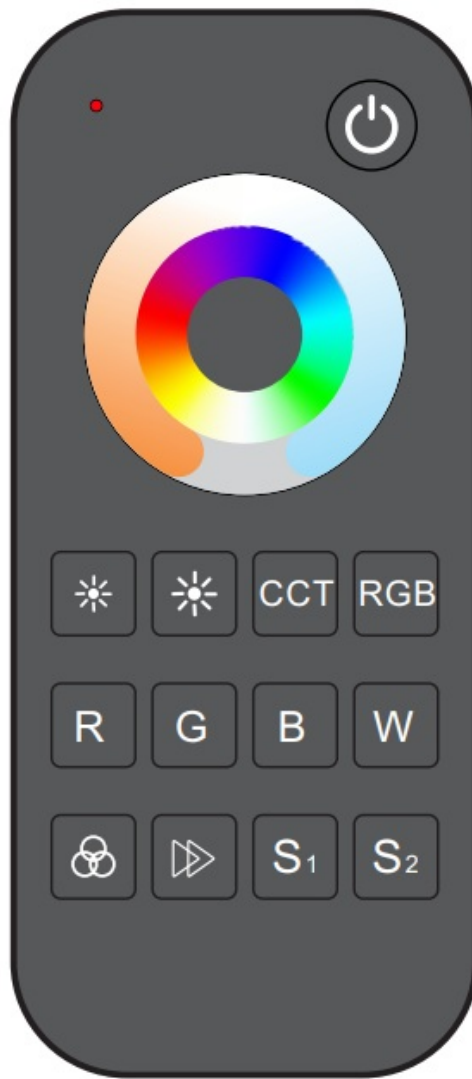
 : Turn on/off the light.

 : Touch to change RGB color or color temperature. Press RGB or CCT key to switch between the RGB wheel and the CCT wheel.

 : Adjust RGB or color temperature brightness, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

 : Adjust the color temperature by WW/CW channel, short press 11 levels, long press adjust WW+CW brightness continuously.

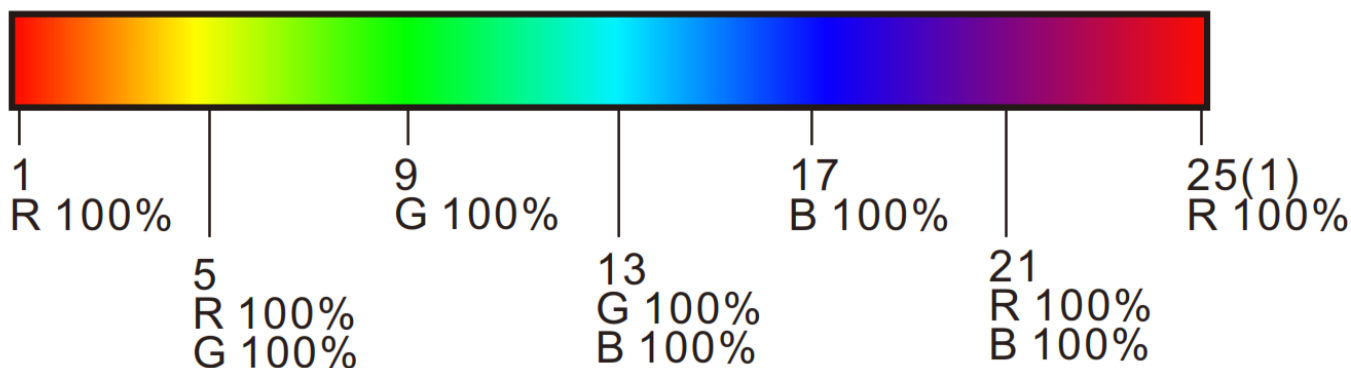| 1	6	11
Warm White	Natural White	Cool White
WW 100%	WW 100%	WW 0%
CW 0%	CW 100%	CW 100%

 : Short press get 24 kinds of static RGB color.

1	5	9	13	17	21	25(1)
R 100%	R 100% G 100%	G 100%	G 100% B 100%	B 100%	R 100% B 100%	R 100%

⊛ : Short press run next dynamic mode, long press 2s run mode-cycle.

▷▷ : For dynamic RGB mode, adjust speed, short press 10 levels, and long press 2s get the default speed. For static RGB color, adjust saturation, namely change current static RGB color to mixed white slowly, short press 11 levels, long press 1-6s for continuous 256 levels adjustment.

R G B : Short press get red green or blue color directly. long press 1-6s to adjust R/G/B brightness continuously to achieve millions of colors
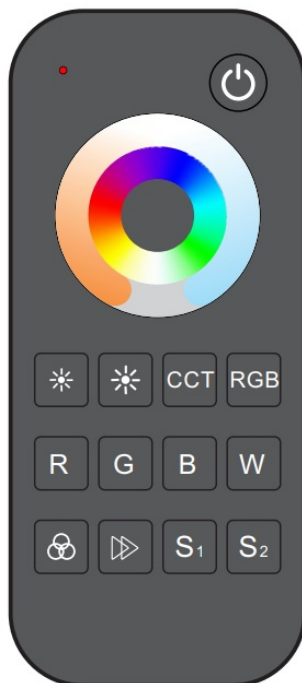
W : Short press turn on/off white(WW/CW), long press 1-6s to adjust white(WW+CW) brightness continuously, namely change saturation by adding white color slowly.

S₁ S₂ : Short press recall the scene, long press 2s save the current color into S1 S2/ the LED indicator display green when saving OK.

● **RT10 4 zone RGB+CCT remote**

Each zone can match single color, dual color(WW/CW), RGB, RGBW, or RGB+CCT(WW/CW) controller or lamp.

| 1 | 2 | 3 | 4 | + | ☀ | : Single color |

| 1 | 2 | 3 | 4 | + | CCT | : Dual color(WW/CW) |

| 1 | 2 | 3 | 4 | + | RGB | : RGB |

| 1 | 2 | 3 | 4 | + | ⊛ | : RGBW |

| 1 | 2 | 3 | 4 | + | ▷▷ | : RGB+CCT |

For example, the long press [1] + [RGB] key for 2s will set zone 1 as RGB light type.
When the remote type change OK, the green indicator go on for a long time.

⏻ :The short press turns on/off all zone lights.

◉ : Touch to change the current zone RGB color or color temperature.
Press RGB or CCT key to switch between the RGB wheel and the CCT wheel.

[1] [2] [3] [4] : Short press select and turn on zone light, long press 2s turn off zone light.

[☀] [☀] : Adjust RGB or color temperature brightness, short press 10 levels, long press 2s get a min or max brightness

[CCT] For dual color or RGB+CCT(WW/CW), adjust the color temperature by WW/CW channel, short press 11 levels, and long press adjust WW+CW brightness continuously.

1	6	11
Warm White	Natural White	Cool White
WW 100%	WW 100%	WW 0%
CW 0%	CW 100%	CW 100%

For RGB, adjust color temperature by mix R/G/B channel, 11 levels.

1	6	11
Warm White	Natural White	Cool White
R 100%	R 100%	R 0%
G 50%	G 100%	G 50%
B 0%	B 100%	B 100%

For RGBW, adjust color temperature by adjust W channel brightness, 11 levels.

1	6	11
W 0%	W 50%	W 100%

RGB : Short press get 24 kinds static RGB color.
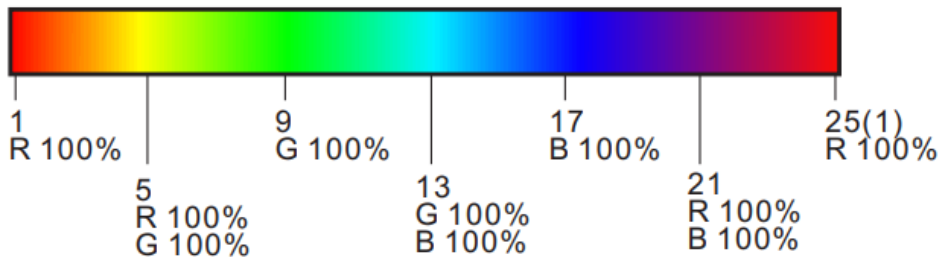
1	9	17	25(1)
R 100%	G 100%	B 100%	R 100%

5	13	21
R 100%	G 100%	R 100%
G 100%	B 100%	B 100%

⊛ : Short press run next dynamic mode, long press 2s run mode-cycle.

⏩ : For dynamic RGB mode, adjust speed, short press 10 levels, and long press 2s get the default speed. For static RGB color, adjust saturation, namely change current static RGB color to mixed white slowly, short press 11 levels, long press 1-6s for continuous 256 levels adjustment.

S₁ S₂ : Short press recall the scene, long press 2s save current state into S1/S2. the LED indicator display green when to save OK. 4 zone recall or save synchronously.

Safety information

1. Read all instructions carefully before you begin this installation.
2. When installing the battery, pay attention to the battery's positive and negative polarity.
   After a long time without the remote control, remove the battery. When remote distance becomes smaller and insensitive, replace the battery.
3. If no response from the receiver, please re-match the remote.

4. Gently handle the remote, beware of falling.

5. For indoor and dry location use only.

CE RoHS emc LVD RED

Documents / Resources

	LEDYi RT5/RT10 Touch Wheel RF Remote Controller [pdf] User Guide RT5, RT10, Touch Wheel RF Remote Controller, RF Remote Controller, Touch wheel Remote Controller, Controller